



College of Ocularistry Education Program At the Fall 2020 ASO Online Annual Conference

as of October 6, 2020

Course #6006
90 minutes

Understanding the Orbit as it applies to MAC
Instructed by Willie Danz, BCO, BADO, FASO

Tested

Credits 15

Understanding the anatomy of the normal ocular orbit is essential for the ocularist to successfully fit prosthetic eyes and scleral shells. This knowledge is of even more importance in developing an approach to the fitting and fabrication of prostheses for children with anophthalmia and microphthalmia. This course will present the unique challenges in fitting hypoplastic orbits and globes by describing the underlying causes and conditions of early ocular and orbital development.

Course #7016
120 minutes

Introduction to MAC and History of MAC Treatments
Instructed by Randy Trawnik, BCO, BADO, FASO and
Michael Webb, BCO, BADO, FASO

Tested

Credits 20

A child born with congenital anophthalmos or microphthalmos provides the Ocularist their greatest challenge. The concept of conservative prosthetic "expansion therapy" combined with later stage surgical intervention is the best management choice. The goal of the therapies used is to stimulate soft tissue and bony development. The success or failure of these treatments will affect not only the child's physical appearance, but also his or her psychological and social development. Specific approaches along with long-term patient follow-up will be discussed.

The second hour discusses congenital Microphthalmia and Anophthalmia will be a 40-year retrospective of past and current therapies and surgical procedures for this anomaly. The objective of this lecture is to give an overview of the types of procedures, techniques, and devices utilized in the management of congenital Anophthalmia/Microphthalmia over the last 40 years. A review of the successes and failures of each surgical approach will also be discussed. I believe that the Ocularist must be well versed in the treatment options of this anomaly by the Oculoplastic surgeon or Ophthalmologist. Understanding the past will prepare you for the future. Knowing the pros and cons of each one of these modalities will give you the ability to be more of a proactive voice of reason in the long-term treatment plan of these individuals.

Course #7014
60 minutes

Adjustments to the Prosthetic Shape
Instructed by Kathy Hetzler, BCO, BADO, FASO

Tested

Credits 15

A course designed to inspire the Ocularist to carefully evaluate each socket for specific anatomical details. The socket data is pertinent to the modifications necessary for the optimum ocular prosthesis fit, security, symmetry and esthetic result.

Course #7014W
90 minutes

Adjustments to the Prosthetic Shape Workshop
Instructed by Kathy Hetzler, BCO, BADO, FASO

Credits 10

The Prosthetic modifications workshop has been designed to address numerous socket challenges. The workshop offers interns the opportunity to create each design with the wax modifications. The desire is to establish protocol for addressing each challenge.

Course #7021W
120 minutes

Polymerization of the Clear Shape Workshop
Instructed by Kevin Kelley, BCO, BADO, FASO

Credits 5/15

A daily necessity of any Ocularist practice it to cure (polymerize) acrylic objects, perfectly clear and free from porosity dirt, debris, or other impurities. Properly curing a full thickness artificial eye shape "duplicate" is also a requirement of the final ELE 4 Exam. This course consists of a lecture and workshop that will explore the methods required to produce a clear PMMA artificial eye shape. The lecture section discusses proper procedures and problems associated with mixing, packing, and polymerizing a mixture of methyl methacrylate (MMA) and polymethyl methacrylate (PMMA) to produce a perfectly clear shape. The workshop section will follow the lecture and cover the proper mixing, packing, and polymerizing of a methyl methacrylic monomer/polymer mixture. Preliminary results of the 2020 COO - Clear Shape Polymerization Experiment will also be presented.

###